

SP-DP435(4×350W@8Ω)

SP-DP480(4×800W@8Ω)

SP-DP4140(4×1400W@8Ω)



Description:

The SP-DP4 series, four channel Class-D professional power amplifier is designed of switching power technology, whose advantages are without transformer for less heat generation and long life span. High reliability, extremely low distortion, high cost performance, high efficiency, excellent sound to bring you a new understanding of digital amplifiers. Higher efficiency of more than 85% decrease the power electricity consumption and protect green environment. Special power circuit design of PWM to ensure the world first level natural cooling system with additional four fans.

The four channel class-D professional amplifier is of 1U 19" rack mount design, suitable for universal permanent installation of any sound reinforcement system. The digital Class-D technology also bring the lighter amplifier of less rack space consumption into true, so it is very useful and cost-effective amplifier for installer and system contractor.

It delivers highest output of RMS 4*1400W/8Ω, 4*800W/8Ω and 4*350W/8Ω. Within the 1U space, this series has reached a new peak of output power transferring. It is a multi-channel digital amplifier designed for cinema systems, smart homes, and home theaters, also ideal for meeting room, stadium, bar, theme park and train station indoor and outdoor sound system, capacity of maximum connection of six professional sound low impedance loudspeakers.

Feature:

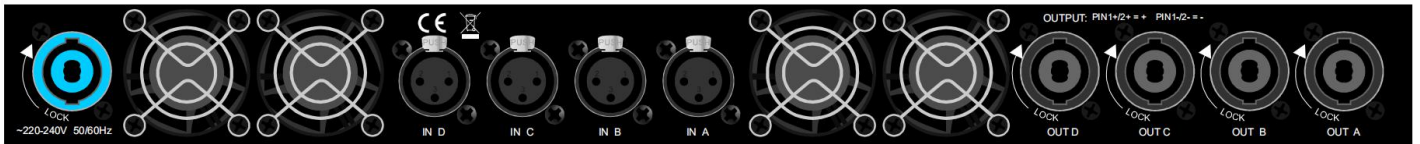
- Powerful performance range professional eight channel class-D power amplifier.
- Ideal for cinema, club, bar, restaurant & worship building audio system.
- High efficiency SMPS and big current storage, intelligent Limiter, multi-protection functions.
- Modularization design, each channel is completely independent working without influence to other channels. The interference between channels has controlled to the minimum.
- Green technology amplifier by 85% efficiency of less power consumption.
- Higher power output, less heat generation and longer life span.
- With PWM special power circuit to ensure excellent cooling system.
- 19" universal rack mount type in 1U height design, small size, light weight, big output power.
- Support power output up to of 4*1400W/8Ω, 4*800W/8Ω and 4*350W/8Ω in stereo mode.
- 4 signal input connections by balanced phone jack.
- Loudspeaker outputs are connected using Speakon.
- Complete protection include clip, high temp, overload and short circuit.
- With four fans for cooling down the internal temperature.
- Visual indicator of output level meter, bridge, power, protection and clip.
- Fine materials used, imported power transistors, high frequency capacitors, imported fans.

Specification:

Model	SP-DP435	SP-DP480	SP-DP4140
Description	4CH Professional Power Amplifier		
Amplifier Class	Class D		
Power Output 8Ω Stereo	350W*4	800W*4	1400W*4
Power Output 4Ω Stereo	500W*4	1500W*4	2500W*4
Power Output 2Ω Stereo	600W*4	1800W*4	2700W*4
Frequency Response 8Ω	20Hz~20KHz, ±0.3dB~±0.3dB		
Slew Rate	50V/μs		
THD+N	<0.3%		
IMD-SMPTE	<0.3%		
S/N Ratio	>105dB		
Crosstalk	>75dB		
Damping Factor	>800 (8Ω20HZ~200HZ)		
Input Power or Voltage	1.2V		
Input Impedance	20KΩ (balanced) 10KΩ (unbalanced)		
Voltage Gain	35dB	38dB	40dB
Efficiency	>85%		
Cooling	Four high-effeciency fans air flow from front to rear		
Connector	Input by XLR female, output by Speakon female		
Power Supply	AC 220~240V, 50~60Hz		
Product Dimension	483*375*44mm, 1U	483*430*44mm, 1U	
Net Weight	7.2Kg	10.5Kg	11.5Kg
Package Dimension	530(W)×90(H)×530(D) mm		
Gross Weight	8.8KG	12.1KG	13.1KG

Rear Panel:

SP-DP435



SP-DP480P & SP-DP4130

